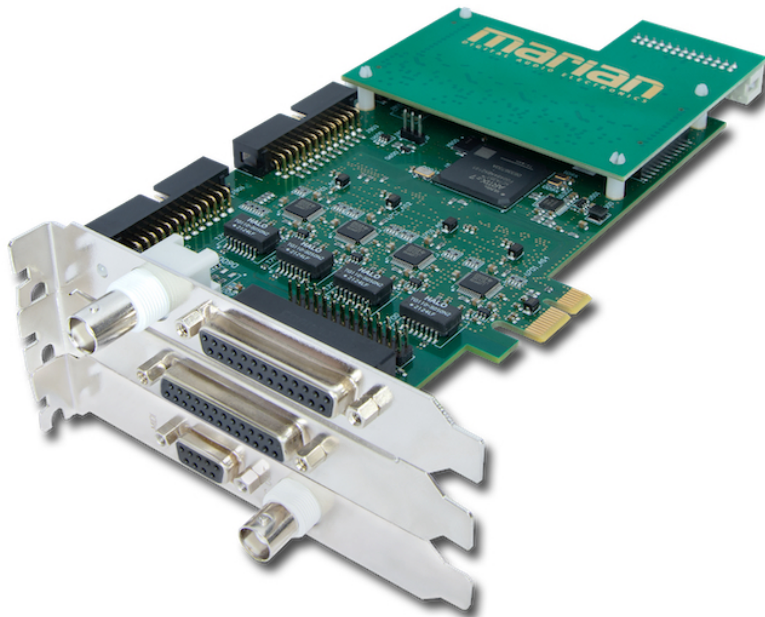


MARIAN Clara D and Clara Dmaj: reliable PCIe audio systems for professional applications



MARIAN introduces Clara D and Clara Dmaj, two new compact PCIe audio solutions providing a large number of digital inputs and outputs for computer-based audio systems. While Clara D offers four AES/EBU interfaces for a total of 16 audio channels, Clara Dmaj doubles the capacity to impressive 32 channels. With a resolution of up to 192 kHz at 24 bits and featuring the precise MARIAN clock, Clara audio systems guarantee outstanding sound quality. Real-time sample rate conversion also allows for effortless integration of different signal formats. The new Clara cards come with the DSP-based “Beast” digital mixing environment known from the Seraph solutions, mixing up to 64 inputs to eight output busses with no latency.

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Gauting, 17th May 2022 – Clara is a new generation of digital audio systems by MARIAN. While Clara D sports four AES/EBU ports with 16 channels, Clara Dmaj is equipped with 32 audio channels for large setups.

Summary

MARIAN Clara D and Clara Dmaj: reliable PCIe audio systems for professional applications

Manufacturer

MARIAN

Products & Prices (incl. VAT)

Clara D: 639,00 EUR

Clara Dmaj: 929,00 EUR

Clara D MWX: 719,00 EUR

Clara Dmaj MWX: 1.098,00 EUR

Availability

Immediately

Distributor

cma audio GmbH

Websites

www.cma.audio

www.marian.de

Images

Main image

http://cmaaudio.rtfm-pr.de/MARIAN_Clara_D.png

Image archive

http://cmaaudio.rtfm-pr.de/MARIAN_Clara_D.zip

Devices for testing

If you are interested in a sample device for review purposes, please write us an e-mail.

Press contact

rtfm GmbH

Moritz Hillmayer

Tel.: +49 (0)911/310 910-0

E-mail: cma.audio@rtfm-pr.de

Company contact

cma audio GmbH

Münchener Straße 21

D-82131 Gauting (Germany)

E-mail: gmbh@cma.audio

Website: www.cma.audio

Up to 32 channels in a compact format

Clara D and Clara Dmaj expand the MARIAN portfolio by two PCIe audio solutions that pack a large amount of inputs and outputs in a compact format. Clara D features 16 audio channels via four AES/EBU interfaces realized through a single D-Sub connector, which limits the system's space requirements to a single PCIe slot. Sister model Clara Dmaj expands the system's capacity to eight AES/EBU ports for a total of 32 audio channels. The additional connections are realized via another D-Sub connector on a second slot bracket. As there are no additional electronics, this second interface can be mounted independently from the main card, making its installation particularly flexible. Both Clara D and Clara Dmaj feature a Wordclock input to accurately synch them to the central clock of a larger system.

Ultra-precise clocking and high resolution

In addition to flexibility and reliability, the major focus of MARIAN when developing audio solutions is on outstanding signal integrity and sound quality fit for even the most discerning broadcast specifications. Accordingly, Clara D and Clara Dmaj employ an ultra-precise clocking generator. With jitter below one nanosecond, the Clara system clock is more precise than many external Wordclock generators. The new MARIAN solutions support sampling rates up to 192 kHz at 24 bits, enabling audiophile reference quality and a dynamic range of 144 dB.

Effortless system integration with real-time sample rate conversion

Combining various digital sources in one system requires a common sample rate for all signals. With the Clara solutions, MARIAN offers real-time sample rate conversion for every channel. Whether the inputs are fed with 48 kHz film sound or 96 kHz high-resolution audio – the Clara system losslessly merges all these audio streams and processes them with the accurate timing of its own internal clock generator.

Digital mixer with extensive routing options

The Clara solutions feature the powerful virtual mixing environment called the "Beast", established with the Seraph audio systems. At 64 input channels and eight output busses, the Beast integrates analogue and digital interfaces as well as internal DAW signals. All input channels are equipped with four-band EQs reminiscent of high-quality analogue consoles in both their intuitive controls and their sound. The output busses can be configured as pre or post fader and even pre or post EQ, making them perfectly suitable for a large number of different use cases. With a resolution of 52 bits, internal overload is practically impossible. All Beast functionality is processed latency-free on the MARIAN systems' DSPs, leaving the host computer's resources free for other tasks.

Highly scalable due to TDM bus

From home recording studios to broadcast stations – a Clara system is practically limitless in its scalability. Multiple Clara solutions in a system automatically synchronize through the proprietary MARIAN TDM bus, behaving like one collective system towards ASIO applications. Signals from Seraph cards can also be seamlessly integrated through the Beast mixer.

Even more possibilities: MWX

Both Clara D and Clara Dmaj are available as MWX versions, rendering them even more versatile when it comes to large installations and music production environments. The additional Wordclock/Superclock output of the MWX versions allows for the synchronization of external digital devices to the ultra-precise MARIAN clock, enabling large setups to achieve immaculate sound with absolute reliability. For seamless integration of electronic instruments and external controllers, the MWX expansion also provides two MIDI inputs and outputs.

Prices and availability

MARIAN Clara D and Clara Dmaj PCIe audio systems are available immediately from specialist retailers and via cma.audio. The MSRP including VAT are:

Clara D: 639,00 EUR

Clara Dmaj: 929,00 EUR

Clara D MWX: 719,00 EUR

Clara Dmaj MWX: 1.098,00 EUR

About MARIAN

As one of the leading manufacturers of PCIe audio cards, the Leipzig-based company MARIAN has been developing professional solutions in the field of digital audio electronics for more than 20 years. Audio professionals as well as customers from different industries such as medicine, security and research rely on the analogue, ADAT, AES/EBU and MADI cards made by MARIAN. The experienced manufacturer also offers tailor-made OEM solutions for customers with individual demands such as EADS Germany, MDOUK Broadcast and Ultra Electronics (UK). Development and production are completely "Made in Germany", MARIAN emphasises uncompromising quality and long-term viability of its PCIe DSP audio systems.

www.marian.de

About cma audio / Lake People electronic

As a company group, cma audio GmbH and Lake People electronic GmbH are ideal partners and service providers for products and solutions in audio technology. Lake People develops and manufactures high-quality audio electronics and cma audio distributes audio products, systems and services.

PRESS RELEASE

With its brands Lake People, Vioelectric and Niimbus, Lake People electronic GmbH provides both professional and audiophile markets with excellent headphone amplifiers, converters and tools. The claim "Made in Germany" defines the company and its 35-year tradition. The entire development and manufacturing take place under the watchful eye of founder and mastermind Fried Reim in Constance, with even most of the suppliers coming from Germany.

Distribution is handled by cma audio GmbH, the experienced and globally operating value added distributor. For German brands, cma audio opens markets around the world, while also granting international brands wide-ranging access to European markets. Renowned brands like Audeze, Chord Electronics, IsoAcoustics, MARIAN, Mogami, OEAudio, Prism Sound and SPEAR Labs trust in the services of cma audio. The team, located in Gauting near Munich, Germany, passionately and competently care for the company's exclusive portfolio and have established cma audio as a reliable partner for resellers, online shops, system houses and professional as well as institutional users for over 20 years.

www.cma.audio
www.lake-people.de